

Fiscal Year 2007 Financial Assistance

The Missouri Market Development Program awarded \$426,480 to nine Missouri establishments in its FY2007 Financial Assistance Projects. These projects propose to create 50.5 new full time jobs and divert more than 21,692 tons of waste annually from Missouri landfills.

Dcal Services, LLC (St. Louis) was awarded \$39,000 to purchase a ringmill/hammermill costing \$52,000 to process ABS plastics generated from its electronics recycling operation. Dcal works with schools, businesses, residents, non-profits and other area processing facilities to keep as much e-scrap from landfills as possible. Currently, the company manually de-manufactures items such as keyboards and printers. The new equipment will enable Dcal to process these items more efficiently and to provide a cleaner, more usable plastic product for its vendors. Dcal has committed end markets for clean plastic, and anticipates diverting 144 tons of ABS and creating two part time employee positions with this project.

RaMM Enterprises, Inc. (Garden City) was awarded \$50,000 to purchase a grinder/shredder costing \$92,900 that will enable the company to start up a mattress recycling operation. RAMM Enterprises is a successor to a transportation company that is involved with other recycling programs and has a Garden City facility. RAMM has a commitment from a major Kansas City furniture store to supply a minimum of 600 mattresses each week and intends to grow the program to service hotels, hospitals and residences. RAMM intends to separate recyclable cotton, polyurethane foam, wood and steel from the mattresses and has end markets for these materials. RAMM anticipates diverting 1,200 tons of material annually and creating six full time and two part time employees with this project.

Mtn Vue Enterprises LLC (Mountain View) was awarded \$50,000 to purchase equipment needed to convert scrap wood into shavings for animal bedding. Mtn Vue Enterprises started in 2004 by renovating an old cheese making plant to house a farm store. The proprietor found through his own experience and in speaking with others that animal bedding is currently shipped from as far away as Canada in order to meet demand and began researching the feasibility of manufacturing it himself. Wood truss manufacturers in the region who must transport scrap wood far distances and pay \$50/ton tipping fees are willing to provide the new company with their scrap and retailers such as OrcheIns' have expressed interest in purchasing bagged animal bedding. Mtn Vue Enterprises anticipates diverting over 1,400 tons annually and creating two new full time employee positions with this project.

Sunshine Recycling, a division of Central Paper Stock Co., Inc (St. Louis) was awarded \$42,000 to purchase a granulator, blower system, aspirator and conveyor for taking scrap plastics and making them into a usable manufacturing feedstock. Central Paper Stock, a previous successful program participant, purchased Sunshine Recycling in February 2007. The company has leased an additional 43,000 square feed to house its plastics recycling operation. The requested equipment will enable Sunshine Recycling to recycle most grades of plastic, including many contaminated grades. With a well established paper collection program already in place, the company's goal is to offer pickup services for plastics as well. Sunshine Recycling anticipates diverting 3,200 tons from the waste stream annually and creating three new full time employee positions with this project.

Coon Manufacturing Inc. (Spickard) was awarded \$22,876.77 towards the purchase of a new hydraulic arm and septic tank die costing \$45,753.54. The new equipment would enable the company to increase its manufacturing capabilities and produce a 1,000-gallon low-profile septic tank. The new septic tank is designed to be used in areas of the state that have rocky terrain where they would not need to be buried quite as deep as a regular septic tank. Coon Manufacturing makes various agricultural, marine and construction products from post-consumer #2 plastics and is a previous recipient of program funds. The company anticipates diverting an addition 898 tons from the waste stream annually and creating four new full time employee positions with this project.

Bart Manning Tree Service, L.L.C. (Columbia) was awarded \$50,000 to purchase a horizontal grinder costing \$88,000 to expand its business to include the recycling of demolition and construction debris. The company intends to convert the materials recovered into soil amendments and mulches and to turn debris into environmentally-friendly soil erosion barriers. Bart Manning Tree Service is a home based business started in 1986 that currently clears trees from construction sites, sells marketable logs and firewood, mines topsoil for screening and resale, and composts horse manure from a nearby farm. The City of Columbia is one of the fastest growing communities in the state and currently the only other entity in Boone County that does grinding is the City's landfill. The grinder the company wishes to purchase will enable on-site grinding of a variety of materials to meet the areas growing demands for such services. Bart Manning Tree Service anticipates diverting 6,250 tons from the waste stream annually and creating one full time employee position with this project.

Wahlco/DW Tool Inc. (Jackson) was awarded \$50,000 to purchase a portable grapple costing \$72,000 that would increase efficiency in recovering agricultural LLDPE tubing. Wahlco receives rolled agricultural tubing from farmers, unrolls it through cleaning equipment and then reduces it to uniform pieces that are then pelletized and sold as feedstock for the manufacture of various products. The major issue in recycling irrigation tubing is handling of the rolls to get them into the manufacturing process. Grapple equipment is needed to efficiently maneuver the material into the cleaning and recycling process. Wahlco has provided tooling and packaging support for Proctor and Gamble since 1980 and began expanding for irrigation tube recovery in 2005. The company anticipates diverting an additional 4,000 tons from the waste stream annually and creating sixteen full time employee positions with this project.

Laclede Industries, Inc. (Lebanon) was awarded \$49,287 to purchase glass-crushing equipment costing \$65,716 to implement glass recycling. Laclede Industries is a sheltered workshop that employs over 50 disabled individuals, contracting with many major manufacturing companies and providing recycling services for Laclede and Camden Counties. The specialized glass crusher will enable different types of glass to be broken and crushed without sorting, which eliminates the handling hazards associated with recycling glass. Waste Management has committed to collecting and transporting glass for recycling and Willard Asphalt has committed to using the aggregate. Laclede Industries anticipates diverting at least 2,000 tons annually and creating 1.5 full time positions with this project.

Customix Corporation (Marshfield) was awarded \$23,317 to purchase equipment costing \$54,635 that will enable the company to process nut by-products. Birdville USA is a previous program participant that successfully implemented a project to recover waste food grade sunflower seeds for use as bird feed. The company has determined that re-processing nut by-products and screenings for use in bird and cattle feed will enable a more stable cash flow. The food grade trash that Birdville USA will receive will be mixed nuts that did not meet specifications for human consumption due to overcooking, contamination or debris content. Birdville USA anticipates diverting 1,300 tons annually and creating 6 full time employee positions with this project.

Plastic Lumber Company of America LLC (St. Louis) was awarded \$50,000 to purchase equipment costing \$116,500 that will enable the company to expand its production capacity to meet demand and to develop new products. Plastic Lumber Company of America purchased the assets of Environmental Recycling, Inc. in 2005 and currently produces a variety of industrial products from recovered HDPE, including trailer floor supports and nailing strips for cement forms. The addition of a second production line will enable the company to target boat trailer, boat lift and landscaping industries. Plastic Lumber Company of America anticipates diverting an additional 1,300 tons annually and creating 9 full time employee positions with this project.

Performance Roof Systems, Inc. (Kansas City) was awarded \$50,000 to purchase a shredder needed to recycle waste roofing membranes. Performance Roof Systems manufactures Derbigum APP modified bitumen roof membranes. This project proposes to recover defective membrane rolls, contractor scrap and tear-offs from roofs that have surpassed their lifetime. The

membrane consists of a homogeneous blend of asphalt, polymers, limestone, and polyester and glass fibers. The material will be collected, processed and returned to the batching process for the manufacture of new membranes. Currently, there is no other roof membrane recovery operation in Missouri. Performance Roof Systems anticipates diverting 450-900 tons from the waste stream annually and creating 1-2 new full time positions with this project.